


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PTC/SB/02A (10-96)

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Substitute for form 1449A, PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	
			Filing Date	
			First Named Inventor	
			Group Art Unit	
			Examiner Name	
Sheet 1 of 9			Attorney Docket Number 1-37062	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
KCK		4,658,147		ELDERING	04-14-1987	
KCK		4,916,296		STRECK	04-10-1990	
KCK		5,212,373		SHITOKA et al	05-18-1993	
KCK		5,241,161		ZIITA	08-31-1993	
KCK		5,434,401		BAUSER	07-18-1995	
KCK		5,777,903		PTOSENKA et al	07-07-1998	
KCK		5,789,733		JACHIMOWICZ et al	08-04-1998	
KCK		5,818,030		REVES	10-06-1998	
KCK		5,867,795		NOVTS et al	02-02-1999	
KCK		5,880,769		NEMTROFSKY et al	03-09-1999	
KCK		5,987,438		NAKANO et al	11-16-1999	
KCK		6,070,794		NIWATA et al	06-06-2000	
KCK		5,992,738		MATSUMOTO et al	11-30-1999	
KCK		5,969,332		UEDA et al	10-19-1999	
KCK		5,945,652		OHKI et al	08-31-1999	
KCK		6,108,789		DANCS et al	08-22-2000	
KCK		5,268,963		MONROE et al	12-07-1993	
KCK		6,076,164		TANAKA et al	06-13-2000	
KCK		5,886,333		NIYAKE	03-23-1999	
KCK		4,797,542		HARA	01-10-1989	

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ²	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7
		Office ³	Number ⁴				
KCK		GB	2,258,749 A		FREER et al.	02-17-1993	
KCK		FR	2,620,840		BRISSON	09-21-1987	
KCK		WO	99/13434		LEWIS	03-18-1999	
KCK		EP	1,028,401 A2		SCHUTZER et al.	08-16-2000	
KCK		WO	00/42491		DENTON NORMAN et al.	07-20-2000	
KCK		WO	01/96990		ABBOTT et al.	12-20-2001	
KCK		GB	2,161,582		CAMPBELL	04-23-1987	
KCK		WO	01/59730 A1		GHYS	08-16-2001	
KCK		EP	0 239 388		COCKBURN	09-30-1987	

Examiner Signature <i>Kumiko C. Koyama</i>	Date Considered <i>6/10/04</i>
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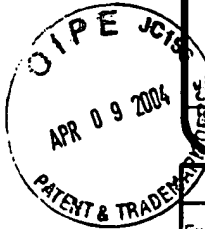
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Complete if Known

Application Number	10/646,650
Filing Date	August 21, 2003
First Named Inventor	Joel Gaillard
Art Unit	2876
Examiner Name	
Attorney Docket Number	1-37052

(use as many sheets as necessary)

Sheet	1	of	1
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[illegible][illegible]

Kumiko C. Koyama

6/10/04

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTC/SB/CEA (10-96)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	
		Filing Date	
		First Named Inventor	GATLIARD
		Group An Unit	
		Examiner Name	
Sheet	2	of	9
		Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document ³		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Append
		Number	Kind Code ⁴ (if known)			
KCK		5,521,966		FRIEDES et al.	05-28-1996	
KCK		6,105,008		DAVIS et al.	08-15-2000	
KCK		6,018,717		LEE et al.	01-25-2000	
KCK		6,024,286		BRADLEY et al.	02-15-2000	
KCK		6,204,288		GOTTLICH et al.	02-15-2000	
KCK		6,003,776		DRUPSTEEN	12-21-1999	
KCK		6,109,524		KANOH et al.	08-29-2000	
KCK		5,965,860		ONEDA	10-12-1999	
KCK		5,565,857		LEE	10-15-1996	
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KCK		5,721,781		DEO et al.	02-24-1998	
KCK		5,907,142		KELSEY	05-25-1999	
KCK		5,923,759		LEE	07-13-1999	
KCK		5,933,854		YOSHIMURA	08-03-1999	
KCK		6,006,333		NIELSEN	12-21-1999	
KCK		6,058,483		VANNEL	05-02-2000	
KCK		6,079,019		FUKUZUMI	06-20-2000	
KCK		6,094,486		MARCHANT	07-25-2000	
KCK		6,112,187		FUKAWA	08-29-2000	
KCK		6,076,075		TEICHER	06-13-2000	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ²	Foreign Patent Document ³			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Append	T ⁴
		Office ⁵	Number ⁶	Kind Code ⁷ (if known)				
KCK			PCT/US00/03477		HAGGARD et al.	08-17-2000		
KCK			PCT/US01/05331		HOORNAERT et al.	08-23-2001		
KCK			PCT/SE01/01369		JOHANSSON	01-03-2002		
				</				

Examiner Signature <u>Kumiko C. Koyama</u>	Date Considered <u>12/6/10/04</u>
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			Application Number		
			Filing Date		
			First Named Inventor	GAILLARD	
			Group Art Unit		
			Examiner Name		
Sheet	3	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Source Access
		Number	Kind Code ³ (if known)			
KCK		6,003,767		HAYASHIDA	12-21-1999	
KCK		5,728,999		TEICHER	03-17-1998	
KCK		4,928,001		MASADA	05-22-1990	
KCK		5,585,787		WALLERSTEIN	12-17-1996	
KCK		4,562,342		SOLO	12-31-1985	
KCK		5,317,636		VTZCATNO	05-31-1994	
KCK		3,731,076		NAGATA et al.	05-01-1973	
KCK		4,851,654		NIITA	07-25-1989	
KCK		5,648,647		SEILER	07-15-1997	
KCK		5,700,037		KELLER	12-23-1997	
KCK		5,883,810		FRANKLIN et al.	03-16-1999	
KCK		6,067,621		YU et al.	05-23-2000	
KCK		6,070,154		TAVOR et al.	05-30-2000	
KCK		5,539,825		AKIYAMA et al.	07-23-1996	
KCK		4,900,905		PUSIC	02-13-1990	
KCK		4,923,022		HSIEH	05-08-1990	
KCK		5,025,386		PUSIC	06-18-1991	
KCK		5,113,351		BOSTIC	05-12-1992	
KCK		5,313,404		WU	05-17-1994	
KCK		5,481,464		RAMSDEN	01-02-1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ²	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³	
		Office ⁴	Number ⁵					Kind Code ⁶ (if known)

Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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Sheet	4	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Date of Publication of Chad Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Source Access
		Number	Kind Class (if known)		
KCK		5,652,936		KLEES et al.	07-29-1997
KCK		5,737,729		DENMAN	04-07-1998
KCK		5,818,336		VARGA et al.	10-06-1998
KCK		5,831,220		RAMSDEN et al.	11-03-1998
KCK		6,105,014		RAMSDEN et al.	08-15-2000
KCK		6,233,399		WALTER	05-15-2001
KCK		6,273,267		TANAMOTO et al.	08-14-2001
KCK		5,586,037		GIL et al.	12-17-1996
KCK		4,683,372		MATSUMOTO	07-28-1987
KCK		4,868,376		LESSIN et al.	09-19-1989
KCK		4,918,631		HARA et al.	04-17-1990
KCK		4,985,920		SEKI	01-15-1991
KCK		5,165,043		MIYAHARA et al.	11-17-1992
KCK		5,276,311		HENNIGE	01-04-1994
KCK		5,493,423		HOSIER	02-20-1996
KCK		5,484,997		HAYNES	01-16-1996
KCK		5,530,232		TAYLOR	06-25-1996
KCK		5,748,737		DAGGAR	05-05-1998
KCK		5,844,218		KAWAN et al.	12-01-1998

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Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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			Application Number		
			Filing Date		
			First Named Inventor	GATTLARD	
			Group Art Unit		
			Examiner Name		
Sheet	5	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	U.S. Patent Document		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant; Passages or Relevant Figures Accord
		Number	Kind Code (if known)		
KCK		5,857,079		CLAUS et al.	01-05-1999
KCK		6,131,090		BASSO, Jr. et al.	10-10-2000
KCK		6,142,369		JONSTROMER	11-07-2000
KCK		6,212,290		GAGNE et al.	04-03-2001
KCK		6,293,462		GANGI	09-25-2001
KCK		6,282,304		NOVIKOV et al.	08-28-2001
KCK		6,289,324		KAWAN	09-11-2001
KCK		6,279,824		PARK	08-28-2001
KCK		6,230,148		PARE, Jr. et al.	05-08-2001
KCK		6,219,439		BURGEP	04-17-2001
KCK		6,213,391		LEWIS	04-10-2001
KCK		6,182,076		YI et al.	01-30-2001
KCK		6,182,892		ANGELO et al.	02-06-2001
KCK		6,111,506		YAP et al.	08-29-2000
KCK		6,154,879		PARE, Jr. et al.	11-28-2000
KCK		6,092,192		KANEVSKY et al.	07-18-2000
KCK		6,105,011		MORRISON, Jr.	08-15-2000
KCK		6,038,333		WANG	03-14-2000
KCK		6,041,410		HSU et al.	03-21-2000
KCK		6,032,137		BALLARD	02-29-2000

[illegible]

Examiner Signature	Kumiko C. Koyama	Date Considered	6/10/04
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EXAMINER: Initial & reference considered, whether or not citation is in conformance with MPSP 209. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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			Application Number		
			Filing Date		
			First Named Inventor GALLARD		
			Group Art Unit		
			Examiner Name		
Sheet	6	of	9	Attorney Docket Number 1-37062	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
KCK		6,010,068		BOZZO	01-04-2000	
KCK		6,012,049		KAWAN	01-04-2000	
KCK		5,910,988		BALLARD	06-08-1999	
KCK		5,991,408		PEARSON et al.	11-23-1999	
KCK		5,862,247		FTSUN et al.	01-19-1999	
KCK		5,907,149		MARCKINT	05-25-1999	
KCK		5,815,252		PRICE-FRANCIS	09-29-1998	
KCK		5,841,119		ROUYRE et al.	11-24-1998	
KCK		5,805,719		PARE, Jr. et al.	09-08-1998	
KCK		5,799,092		KPISTOL et al.	08-25-1998	
KCK		5,191,611		LANG	03-02-1993	
KCK		5,581,630		BONNEAU, Jr.	12-03-1996	
KCK		5,065,429		LANG	11-12-1991	
KCK		4,993,068		PTOSENKA et al.	02-12-1991	
KCK		5,280,527		GULLMAN et al.	01-18-1994	
KCK		4,582,985		TOFBERG	04-15-1986	
KCK		5,623,552		LANE	04-22-1997	
KCK		6,219,439		BURGER	04-17-2001	
KCK		6,450,407		FREEMAN et al.	09-17-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ²	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-CC-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ⁴	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>Kumiko C. Koyama</i>	Date Considered	6/10/04
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² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	
				First Named Inventor	GATTLARD
				Group Art Unit	
				Examiner Name	
Sheet	7	of	9	Attorney Docket Number	1-37062

U.S. PATENT DOCUMENT						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Chd Document	Date of Publication of Chd Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
KCK		6,431,443		BARNES et al.	08-13-2002	
KCK		6,371,378		BRUNET et al.	04-16-2002	
KCK		6,273,339		TUTTLE et al.	08-14-2001	
KCK		6,222,520		GERSZBERG et al.	04-24-2001	
KCK		6,062,183		FREEMAN et al.	05-30-2000	
KCK		5,936,227		TRUGGETTMANN et al.	08-10-1999	
KCK		5,770,849		NOVIS et al.	06-23-1998	
KCK		5,953,047		NEMIROFSKY	09-14-1999	
KCK		6,178,409 B1		WEBER et al	01-23-2001	
KCK		5,956,599		WONG et al	09-21-1999	
KCK		5,770,843		ROSE et al	06-23-1998	
KCK		6,402,039		FREEMAN et al.	06-11-2002	
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U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.:	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Signature

Kumiko C. Koyama

Date	Considered
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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	Application Number				
	Filing Date				
	First Named Inventor	GAILLARD			
	Group Art Unit				
	Examiner Name				
Sheet	9	of	9	Attorney Docket Number	1-37062

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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